

Claims

What is claimed is:

1. A system comprising:
 - a speech synthesizer; and
 - a computer system including a basic input output system (BIOS) configured to cause the computer system to display information and, in response to detecting the speech synthesizer, cause the computer system to provide one or more signals associated with the information to the speech synthesizer;
 - the speech synthesizer configured to generate one or more audible outputs associated with the information in response to receiving the one or more signals.
2. The system of claim 1, wherein the computer system includes a memory location, and wherein the BIOS is configured to cause the computer system to store a predefined value in the memory location in response to detecting the speech synthesizer.
3. The system of claim 1, wherein the computer system includes a memory location, and wherein the BIOS is configured to detect the speech synthesizer by detecting a predefined value stored in the memory location.
4. The system of claim 1, wherein the computer system includes a port, and wherein the speech synthesizer is coupled to the port.
5. The system of claim 4, wherein the port includes a serial port.

1 6. The system of claim 1, wherein the computer system includes a table that
2 includes a plurality of strings and a plurality of codes, wherein the information
3 is associated with one or more of the plurality of strings, and wherein the
4 signals are associated with one or more of the plurality of codes.

1 7. The system of claim 1, wherein the computer system includes a Speech
2 Synthesis Interface Library table.

1 8. The system of claim 1, wherein the computer system includes a speech
2 synthesis module configured to convert the information into the signals.

1 9. The system of claim 1, wherein the computer system includes the speech
2 synthesizer.

1 10. The system of claim 1, wherein the computer system includes a sound card,
2 and wherein the sound card includes the speech synthesizer.

1 11. The system of claim 1, wherein the audible outputs include sounds
2 associated with a spoken language.

1 12. A method performed by a computer system comprising:
2 displaying information associated with a pre-boot environment on a
3 display associated with the computer system; and
4 in response to detecting a speech synthesizer associated with the
5 computer system, generating one or more audible outputs associated with
6 the information.

1 13. The method of claim 12, further comprising:
2 in response to detecting the speech synthesizer, providing one or more

3 signals associated with the information to the speech synthesizer; and
4 generating the one or more audible outputs in response to the one or
5 more signals.

1 14. The method of claim 12, further comprising:

2 storing a predefined value in a memory location on the computer
3 system in response to detecting the speech synthesizer.

1 15. The method of claim 12, further comprising:

2 detecting the speech synthesizer by detecting a predefined value in a
3 memory location on the computer system.

1 16. The method of claim 12, further comprising:

2 detecting the speech synthesizer coupled to a port of the computer
3 system.

1 17. The method of claim 12, further comprising:

2 detecting the speech synthesizer coupled to a serial port of the
3 computer system.

1 18. The method of claim 12, further comprising:

2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a table stored on the computer system.

1 19. The method of claim 12, further comprising:

2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a Speech Synthesis Interface Library table stored
4 on the computer system.

1 20. The method of claim 12, further comprising:

2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a speech synthesis module stored on the
4 computer system.

1 21. A system comprising:

2 a computer system for:

3 displaying information associated with a pre-boot environment
4 on a display associated with the computer system; and

5 in response to detecting a speech synthesizer associated with
6 the computer system, generating one or more audible outputs
7 associated with the information.

1 22. The system of claim 21, wherein the computer system is for:

2 in response to detecting the speech synthesizer, providing one or more
3 signals associated with the information to the speech synthesizer; and

4 generating the one or more audible outputs in response to the one or
5 more signals.

1 23. The system of claim 21, wherein the computer system is for:

2 storing a predefined value in a memory location on the computer
3 system in response to detecting the speech synthesizer.

1 24. The system of claim 21, wherein the computer system is for:

2 detecting the speech synthesizer by detecting a predefined value in a
3 memory location on the computer system.

- 1 25. The system of claim 12, wherein the computer system is for:
2 detecting the speech synthesizer coupled to a port of the computer
3 system.
- 1 26. The system of claim 12, wherein the computer system is for:
2 detecting the speech synthesizer coupled to a serial port of the
3 computer system.
- 1 27. The system of claim 12, wherein the computer system is for:
2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a table stored on the computer system.
- 1 28. The system of claim 12, wherein the computer system is for:
2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a Speech Synthesis Interface Library table stored
4 on the computer system.
- 1 29. The system of claim 12, wherein the computer system is for:
2 in response to detecting the speech synthesizer, generating the one or
3 more audible outputs using a speech synthesis module stored on the
4 computer system.